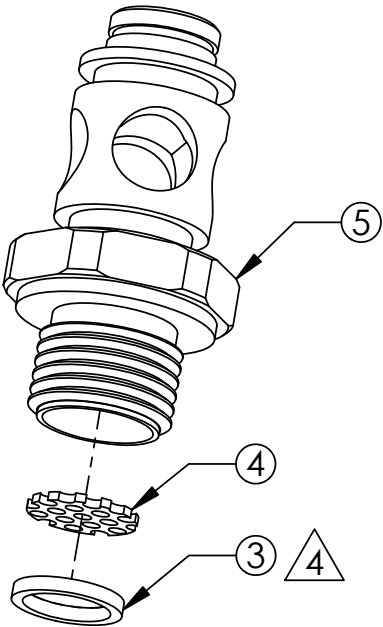


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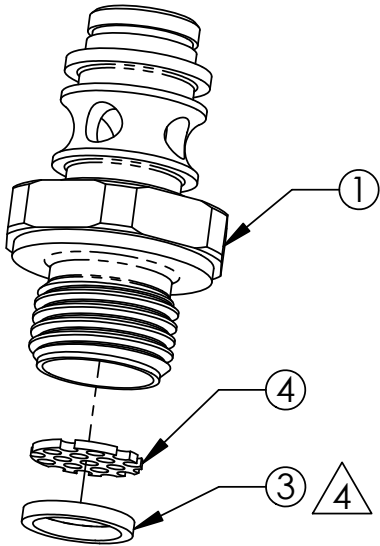
NOTES:

1. DEBURR AND BREAK ALL SHARP EDGES.
- 2 MATERIAL: 17-4PH H1150 STAINLESS STEEL IAW AMS 5643 OR ASTM A564
3. IDENTIFY IAW MP-120.
- 4 SECURE F/N 3 BY STAKING EDGE ON F/N 1, 2, OR 5 EVERY 90°.
- 5 MATERIAL: PERFORATED 304 SS SHEET, VENDOR: MCMaster-CARR. VENDOR P/N: 9358T22.
- 6 FINISH: PASSIVATE IAW MPP-172 SECTION 6.1
- 7 TOLERANCES DO NOT APPLY AFTER STAKING (REFER TO FLAGNOTE 4).
- 8 MATERIAL: 17-4PH H900 STAINLESS STEEL IAW AMS 5643 OR ASTM A564

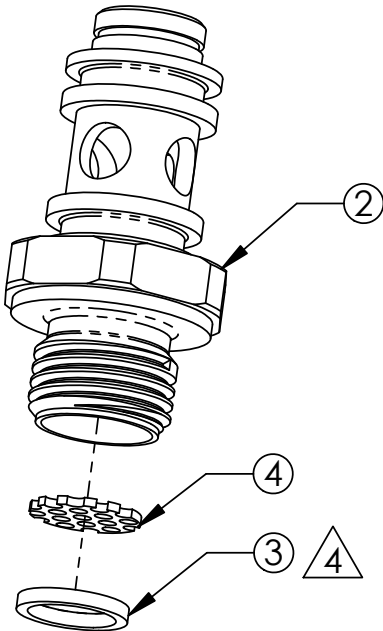
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
NC	INITIAL RELEASE	04-28-14	P.BRAVO
A	INCORPORATED ECN 04699	10-08-14	P.BRAVO
B	INCORPORATED ECN 04894	03-11-15	P.BRAVO
C	INCORPORATED ECN 04900	03-19-15	P.BRAVO
D	INCORPORATED ECN 04912	04-01-15	P.BRAVO
E	INCORPORATED ECN 04962 AND 04989	06-30-15	P.BRAVO
F	INCORPORATED ECN 05081	08-12-15	P.BRAVO
G	INCORPORATED ECN 05089	08-14-15	P.BRAVO



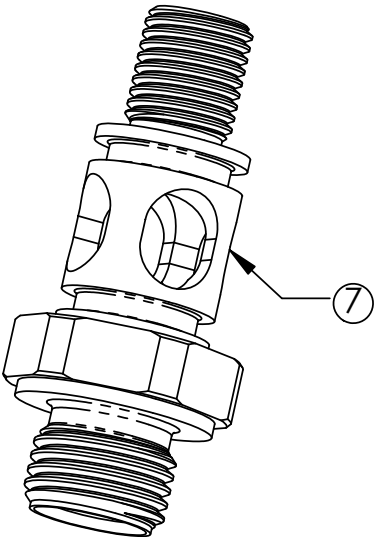
650.6303



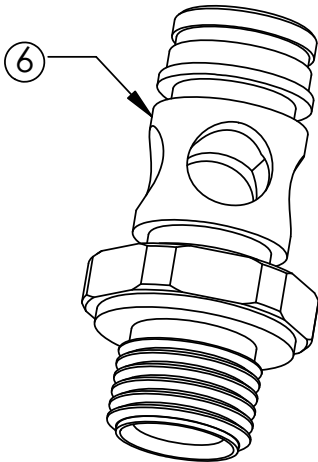
650.6301



650.6302



650.6316



650.6315

PROTOTYPE REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
A4-1 B1-1 B3-2 B4-2 C1-2 C4-2 C8-2 D3-2 D4-2 A7-11 B2-11 B3-11 C3-11 C8-11 D3-11 D5-11 B2-12 B4-12	PG1	ADDED AMS 5643 AND ASTM A564 STANDARDS ADDED AMS 5643 AND ASTM A564 STANDARDS REMOVED ELECTROPOLISH FINISH ADDED DETAIL A DIMENSION WAS $\varnothing .440 \pm .005$ IS $\varnothing .426 + .002 / -.003$ ADDED DETAIL B ADDED .020 DIMENSION ADDED DETAIL E ADDED $\varnothing .250 \pm .002 \nabla 1.050$ DIMENSION ADDED $.075 + .015 / -.000$ DIMENSION ADDED $.505 + .002 / -.000$ DIMENSION ADDED MIN THREAD RELIEF CALLOUT ADDED DETAIL S DIMENSION WAS $\varnothing .440 \pm .005$ IS $\varnothing .426 + .002 / -.003$ DIMENSION WAS R.405 IS $\varnothing .810$ ADDED DETAIL R ADDED $.075 + .015 / -.000$ DIMENSION ADDED .710 DIMENSION DIMENSION WAS $.050 \times 45^\circ 2 \text{ PL}$ IS $.035 \times 45.0^\circ$ DIMENSION WAS .350 IS (.350)	06-01-2020	T. CROSS
D7-2 B3-4 D3-4	PG2	ADDED ZONE CALLOUTS ADDED DETAIL E AND ZONE CALLOUT DIMENSION WAS $\varnothing .440 \pm .005$ IS $\varnothing .426 + .002 / -.003$ ADDED $.075 + .015 / -.000$ DIMENSION	06-15.2020	T. CROSS
A3-1 B2-1 C2-2 SHEET 4 B2-4 C7-4 D3-4 D4-4 B3-5 C7-6	PG3	ADDED F/N 5 TO FLAG NOTE 4 VENDOR P/N WAS 9358T281 IS 9358T22 ADDED ZONE CALLOUTS TO DETAIL B MODIFIED LOCATIONS OF DIMENSIONS ADDED DETAIL G ADDED ZONE CALLOUT TO DETAIL B MOVED $.310 + .005 / -.000$ TO FRONT VIEW, ADDED $\nabla 1.232$ ADDED $.702 + .002 / -.000$ DIMENSION ADDED (1.232) DIMENSION DIMENSION WAS $\varnothing .390 + .002 / -.000$ IS $\varnothing .389 + .000 / -.005$	09-01-2020	T. CROSS
SHEET 13-14	PG4	ADDED CONFIGURATION 650.6317	10-06-21	P. BRAVO

			8	650.6317	SWIVEL FITTING		
			7	650.6316	SWIVEL FITTING		
			6	650.6315	SWIVEL FITTING		
1			5	650.6314	SWIVEL FITTING		
1	1	1	4	650.6313	SCREEN		
1	1	1	3	650.6312	SCREEN RETAINER		
	1		2	650.6311	SWIVEL FITTING		
		1	1	650.6310	SWIVEL FITTING		
X				650.6303	SWIVEL FITTING ASSY		
	X			650.6302	SWIVEL FITTING ASSY		
		X		650.6301	SWIVEL FITTING ASSY		
.6303	.6302	.6301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST					
NEXT ASSY (\$)		ORIGINAL DATE (MO-DA-YR) 04-28-2014		<div><div><div><div>DART</div><div>AEROSPACE</div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div></div>			
650.5300		DRAWN BY N. CAP	CHECKER P. BRAVO				
		DRAWING APPROVAL P. BRAVO 04-28-2014					
		CONTRACT No.					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SWIVEL FITTING			
SIZE	CAGE CODE	DWG. NO.	REV.				
B	07MZ6	650.6300	PG4				
SCALE NONE			SHEET		1 OF 14		

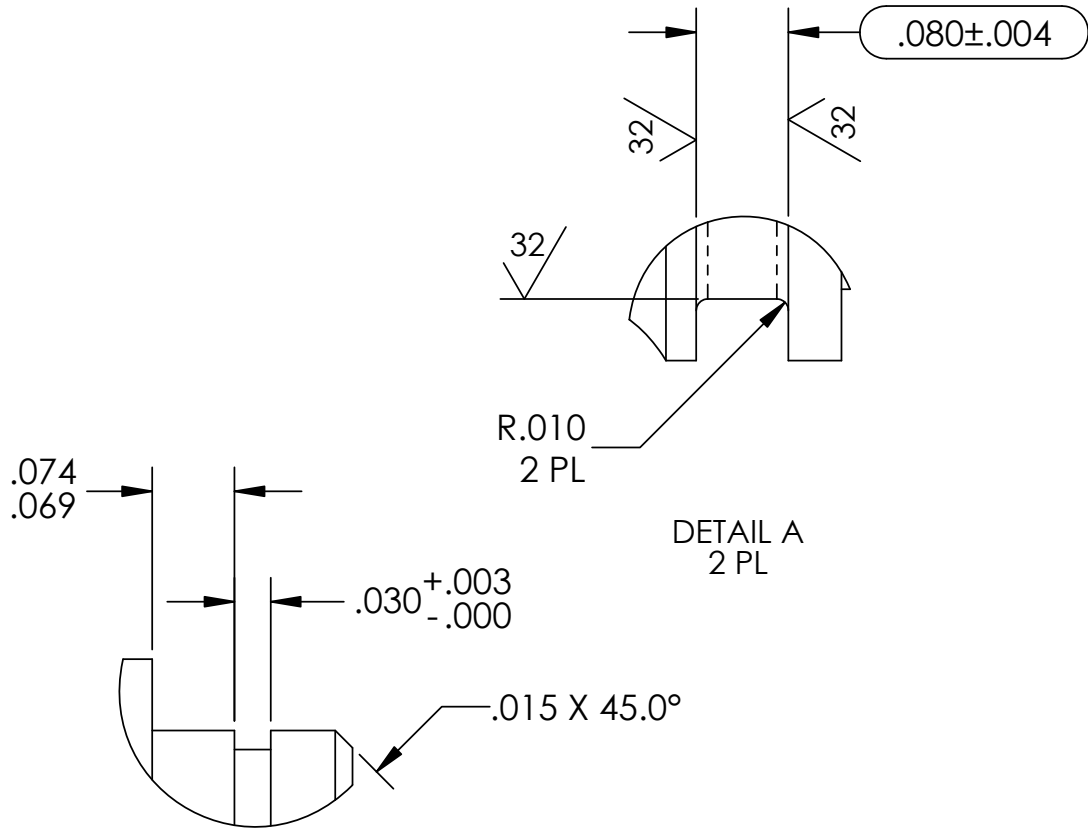
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A

B

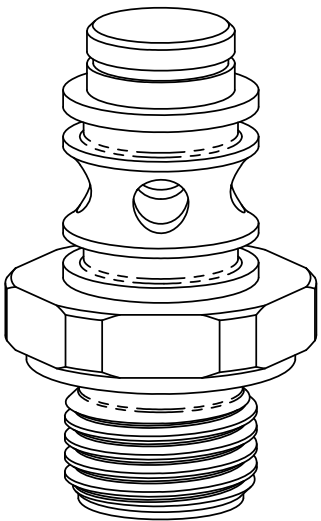
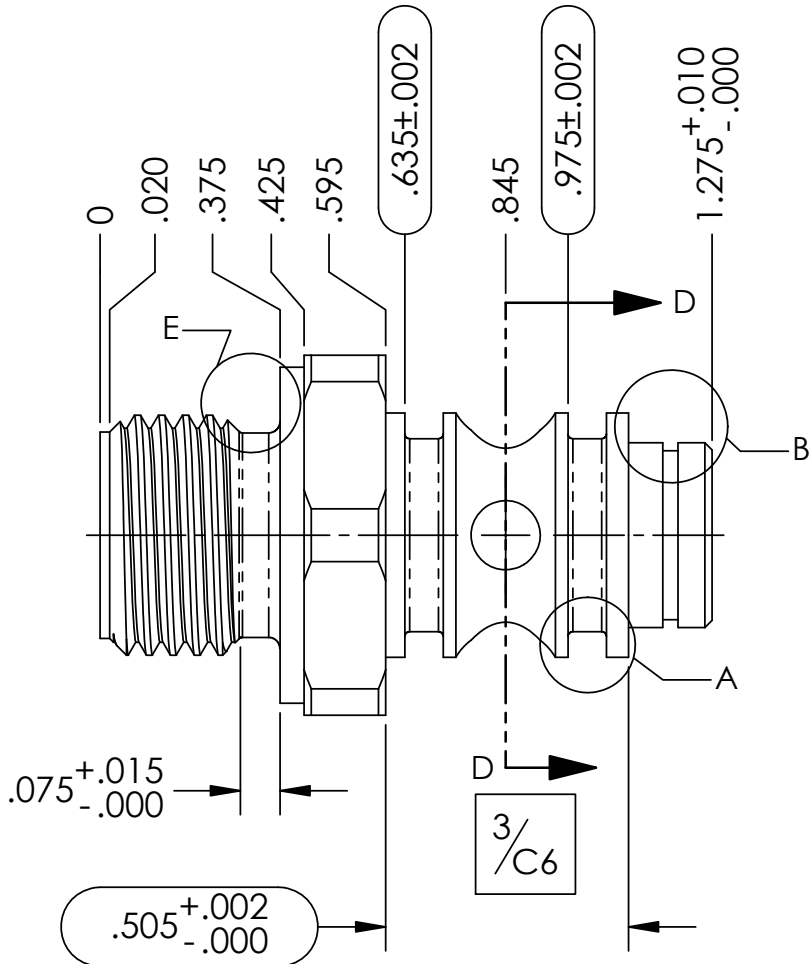
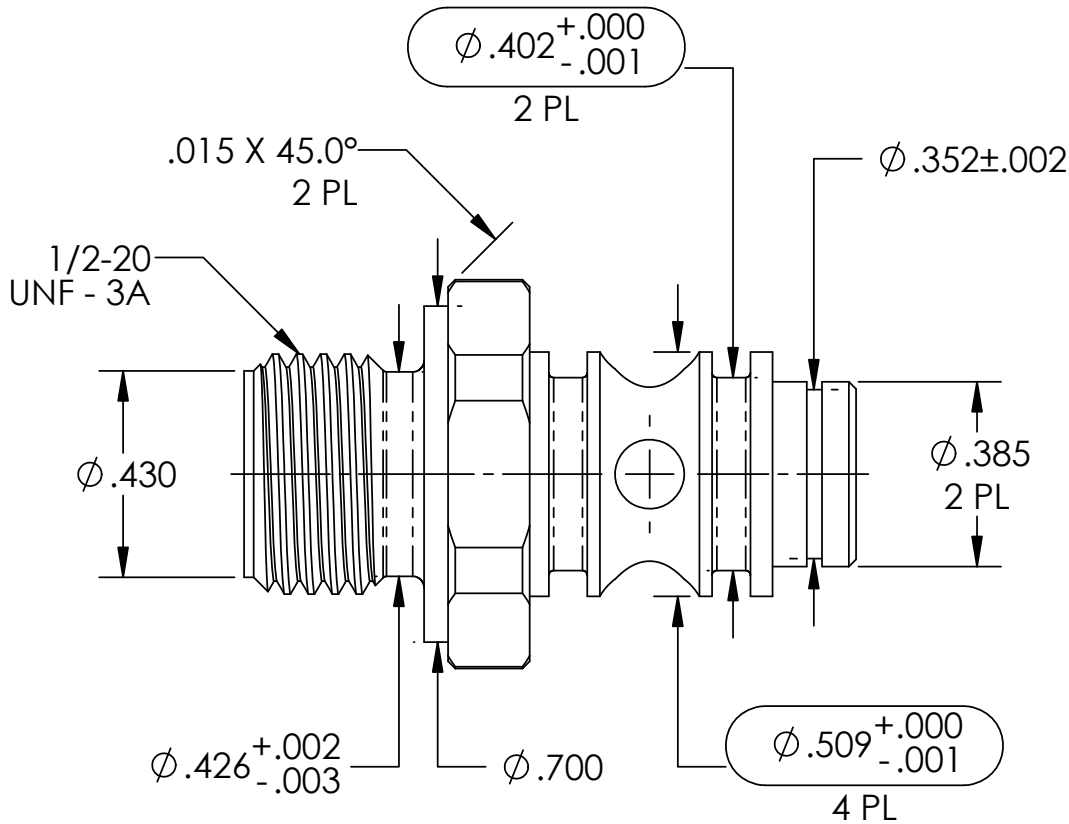
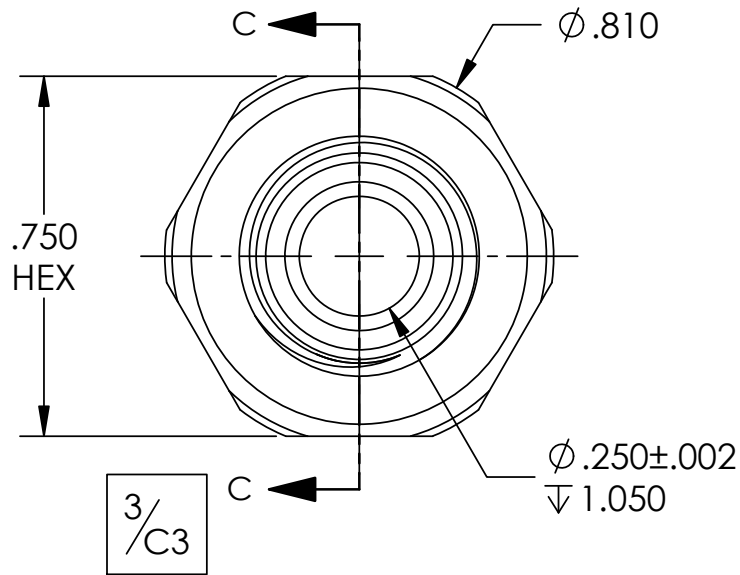
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D

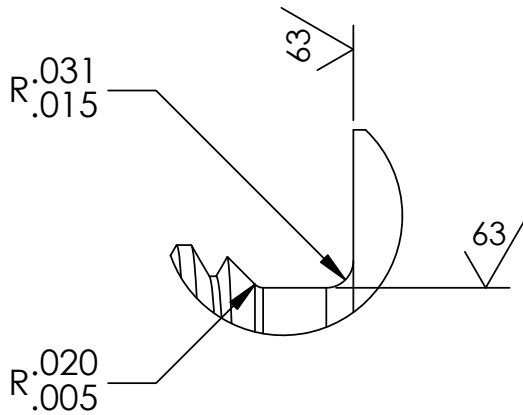


DETAIL B

$2/C6$ $4/C6$



650.6310



DETAIL E

$2/C5$ $4/C4$

ORIGINAL DATE (MO-DA-YR) 04-28-2014
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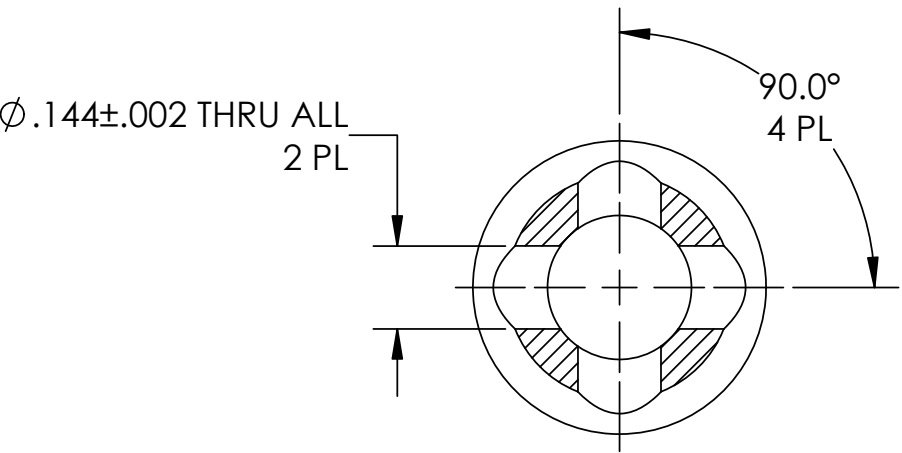
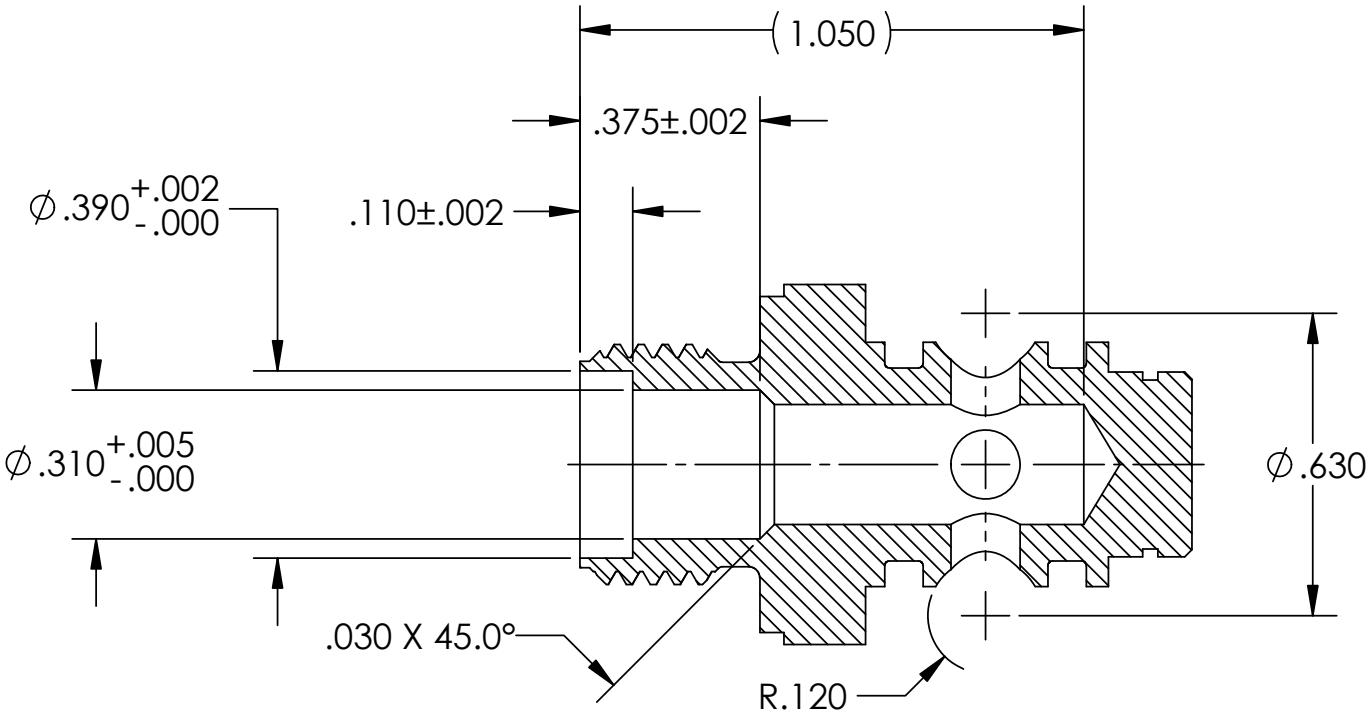
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .010$
3 PLACE DECIMALS $\pm .005$
ANGLES $\pm .5^\circ$


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SWIVEL FITTING

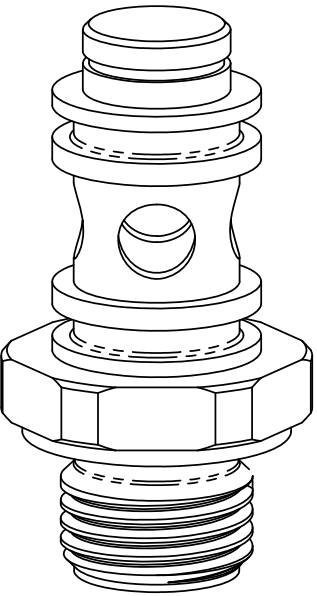
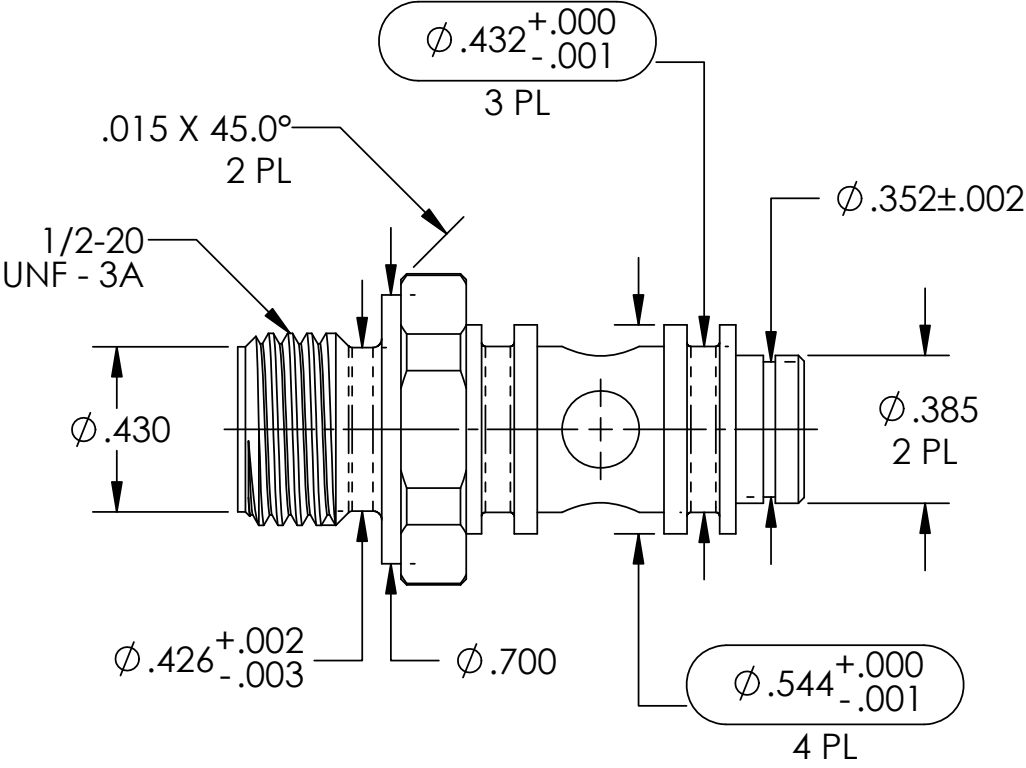
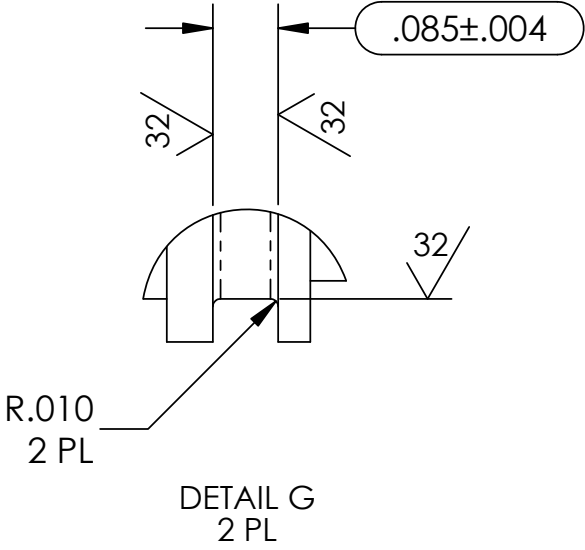
SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	650.6300	PG4
SCALE NONE		SHEET 2 OF 14	

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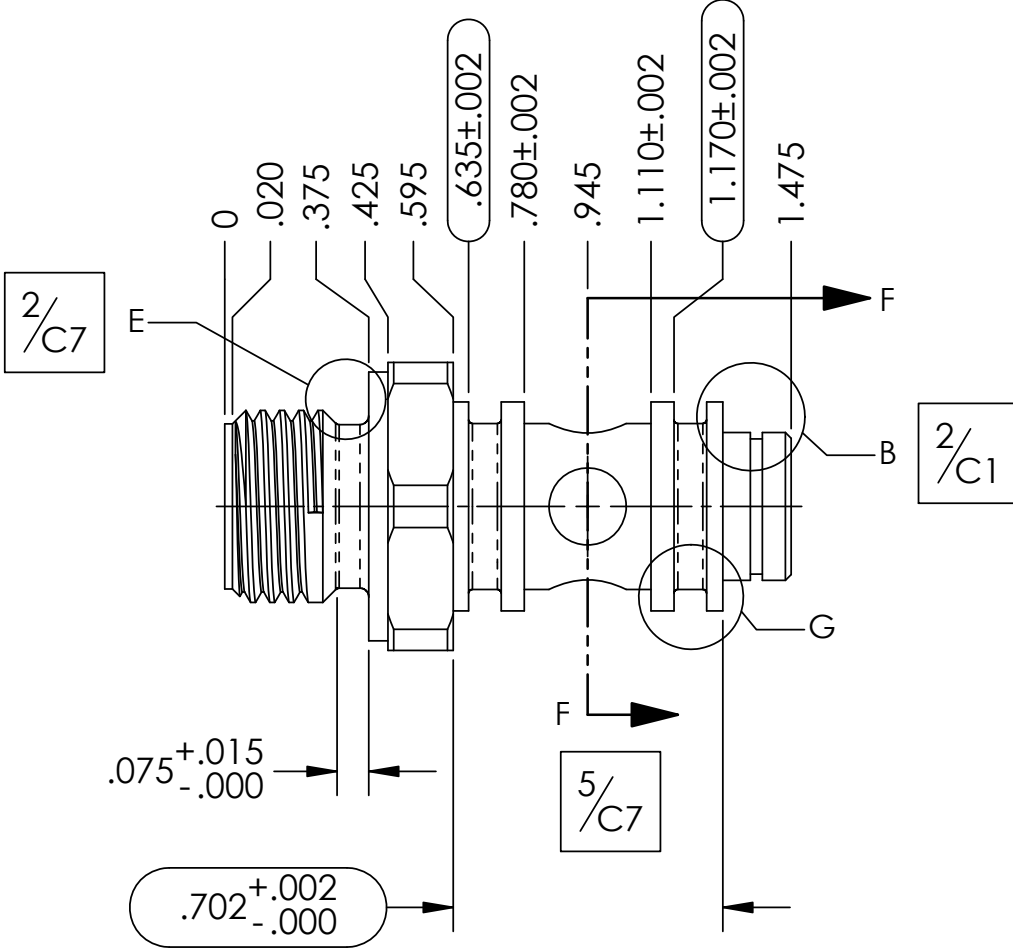
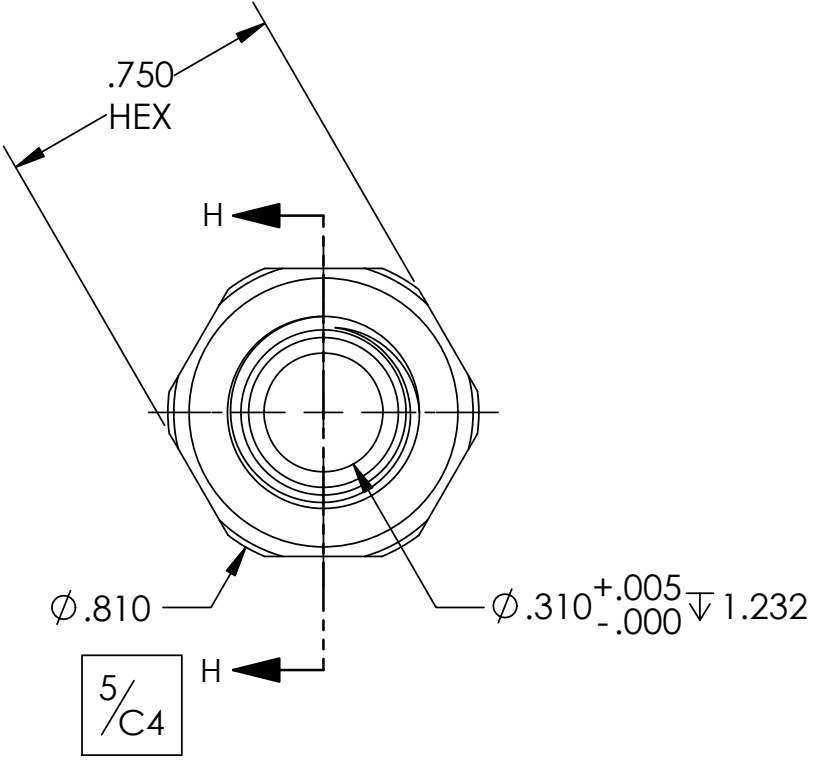


ORIGINAL DATE (MO-DA-YR) 04-28-2014		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 04-28-2014		CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SWIVEL FITTING			
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
		SCALE NONE			SHEET 3 OF 14

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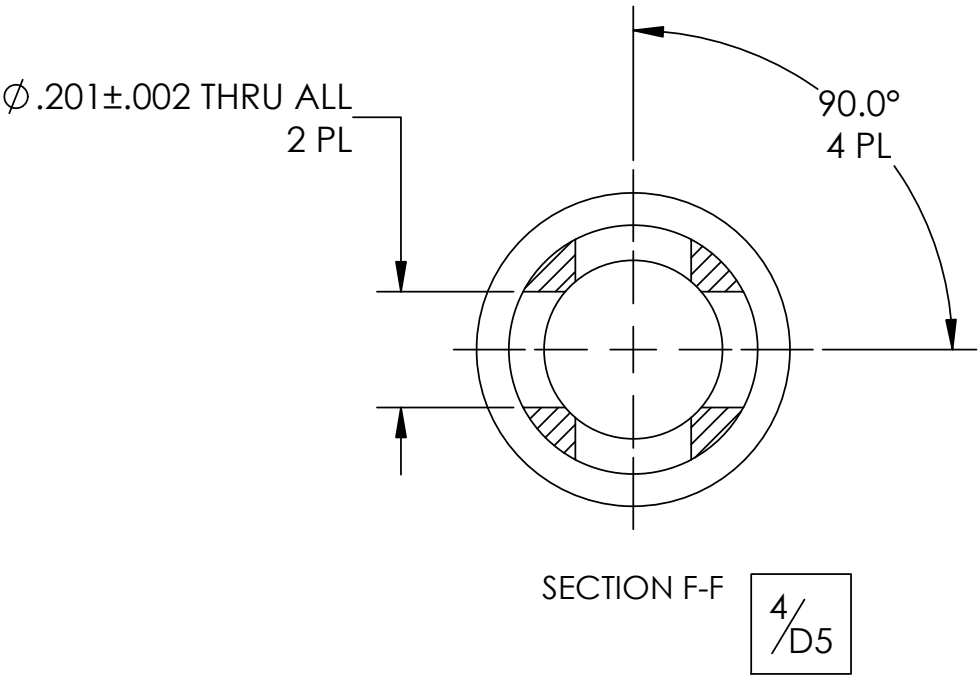
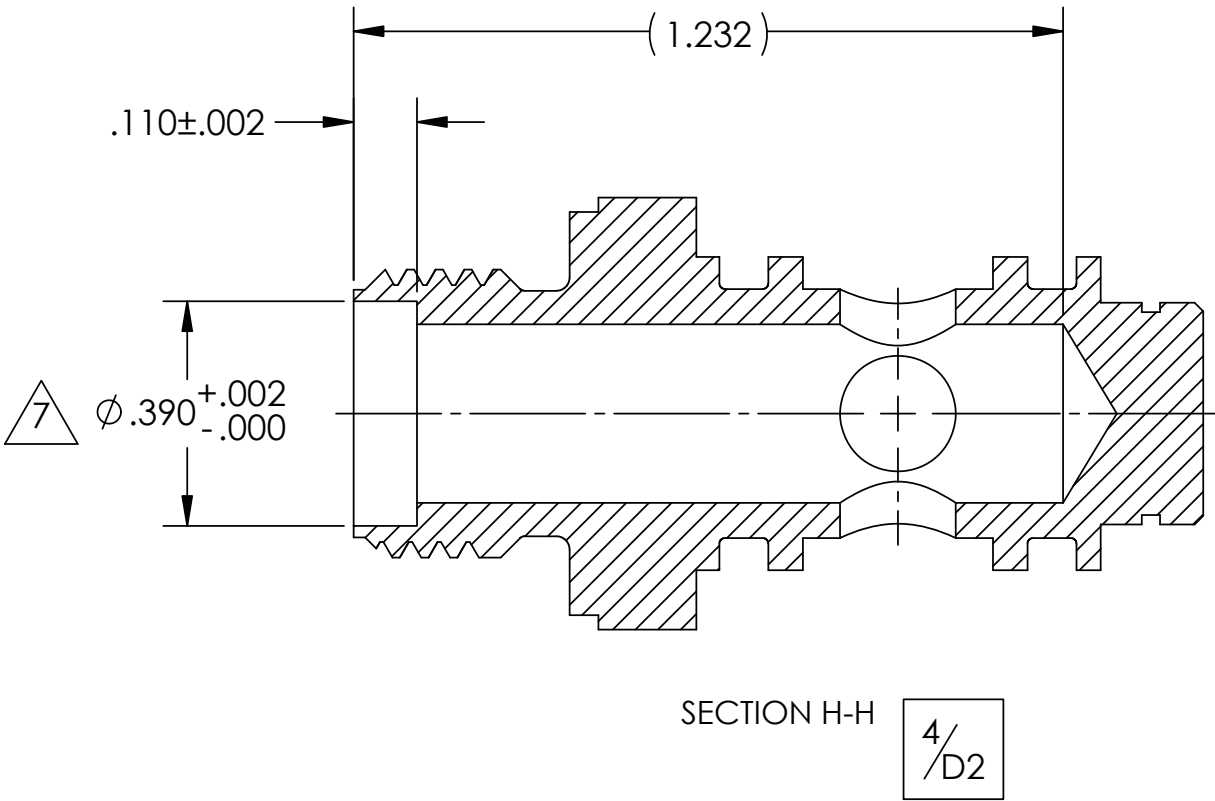



650.6311



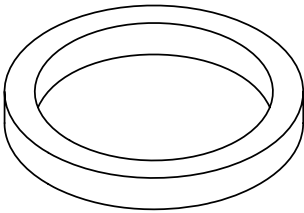
ORIGINAL DATE (MO-DA-YR) 04-28-2014		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-28-2014		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		SWIVEL FITTING	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PG4
CAGE CODE 07MZ6		DWG. NO. 650.6300	SHEET 4 OF 14
SCALE NONE			

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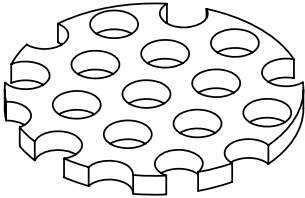


ORIGINAL DATE (MO-DA-YR) 04-28-2014		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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DRAWING APPROVAL P. BRAVO 04-28-2014		CONTRACT NO.			
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		SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
		SCALE NONE		SHEET 5 OF 14	

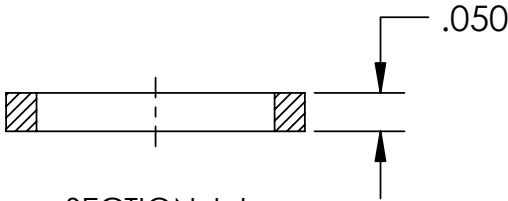
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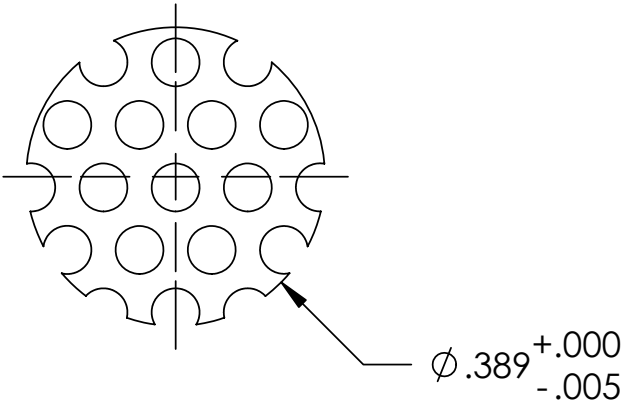
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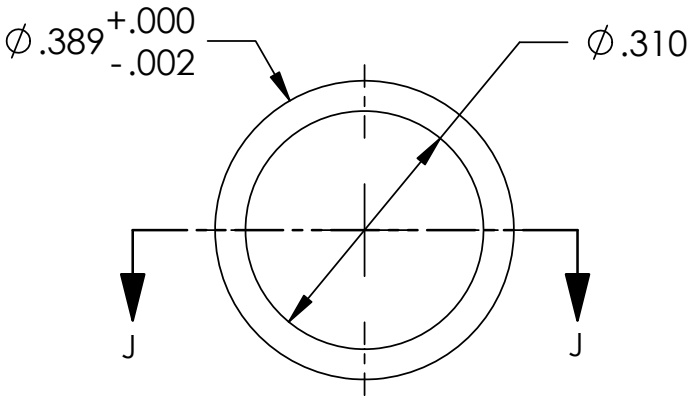
650.6313



SECTION J-J



$\phi .389^{+.000}_{-.005}$



$\phi .389^{+.000}_{-.002}$

$\phi .310$

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(760)-724-5300

SWIVEL FITTING

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--	--

SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
SCALE NONE			SHEET 6 OF 14

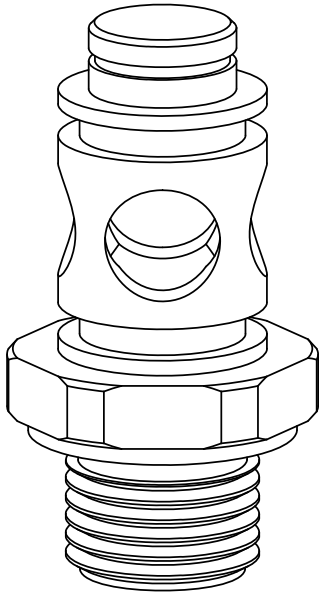
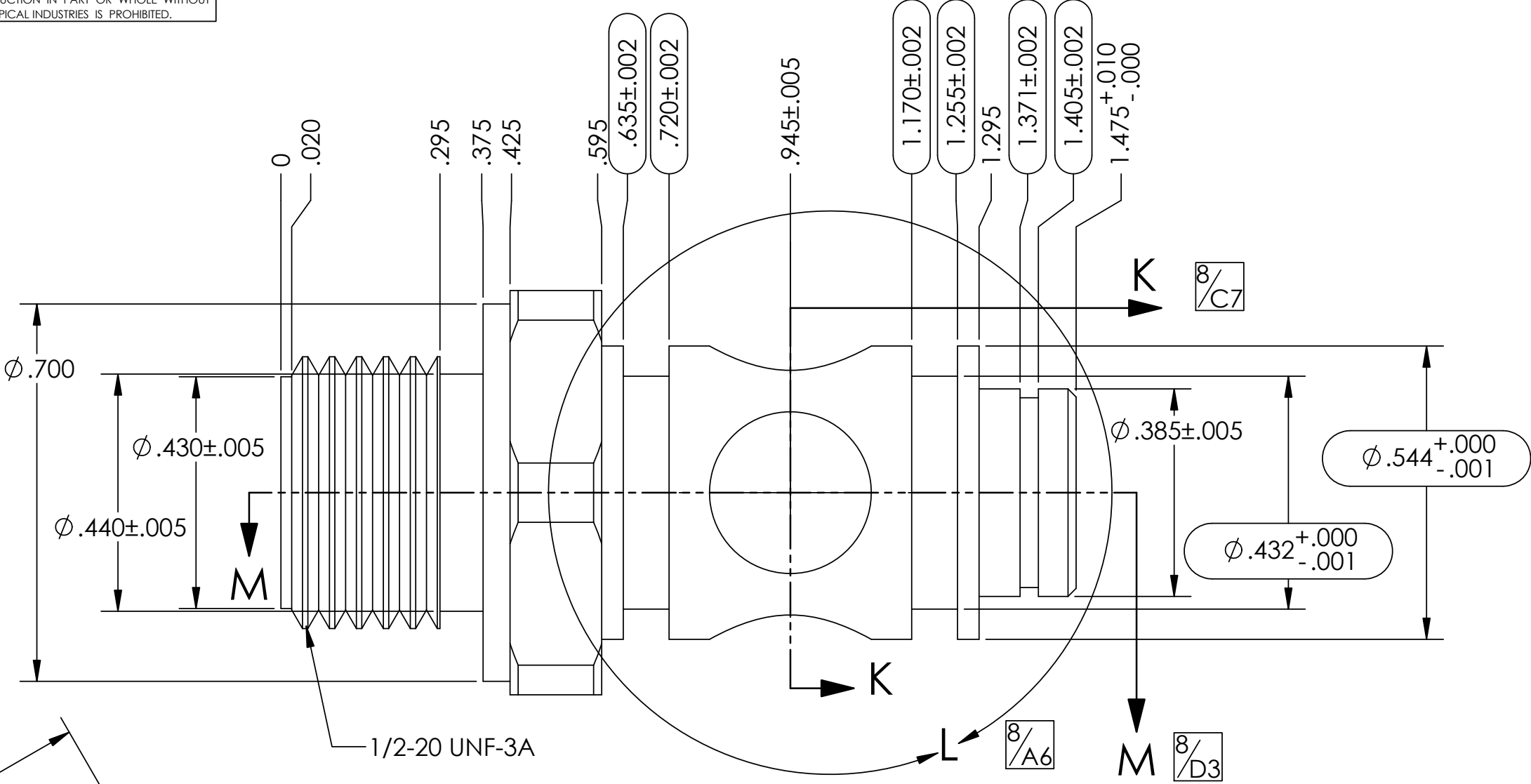
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A

B

C

D



650.6314

ORIGINAL DATE (MO-DA-YR)	04-28-2014
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SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
SCALE NONE	SHEET 7 OF 14		

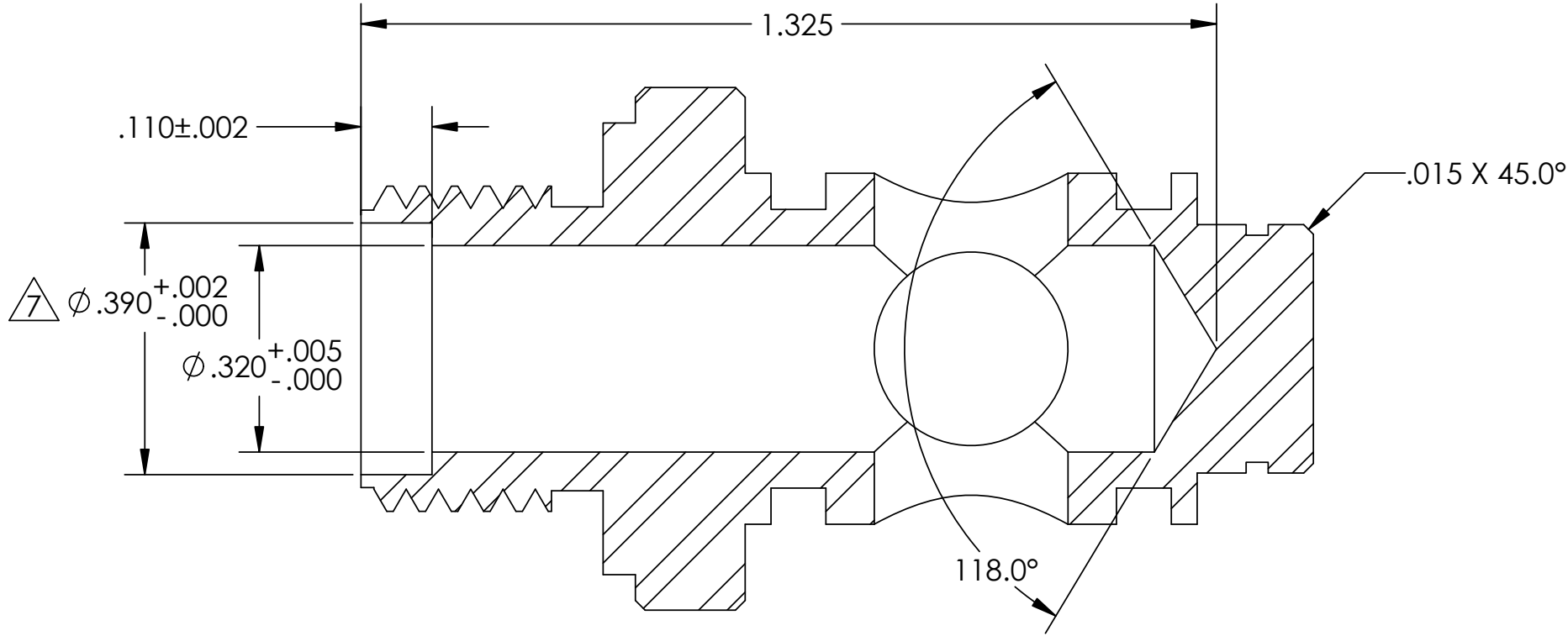
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$\phi .432^{+.000}_{-.001}$

$\phi .352\pm.002$

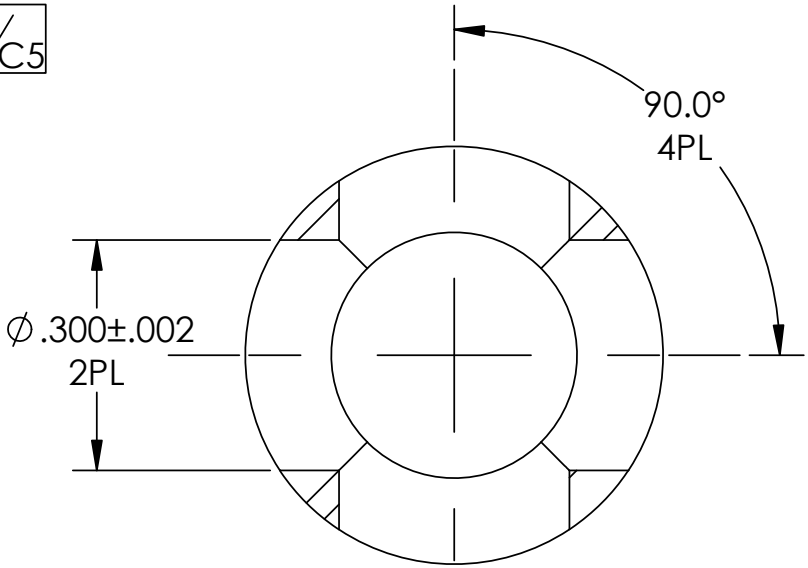
DETAIL L

$\frac{7}{C5}$



SECTION M-M

$\frac{7}{C5}$



SECTION K-K

$\frac{7}{C5}$

ORIGINAL DATE (MO-DA-YR) 04-28-2014
DRAWN BY N. CAP
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(760)-724-5300

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--

SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
SCALE NONE	SHEET 8 OF 14		

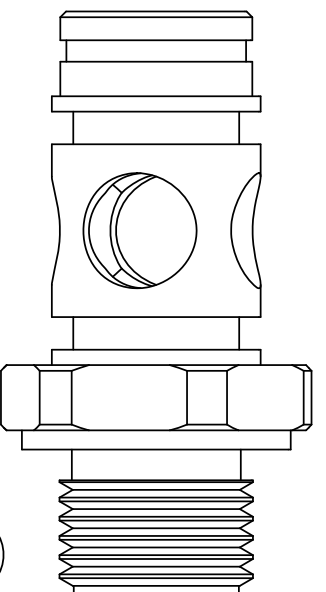
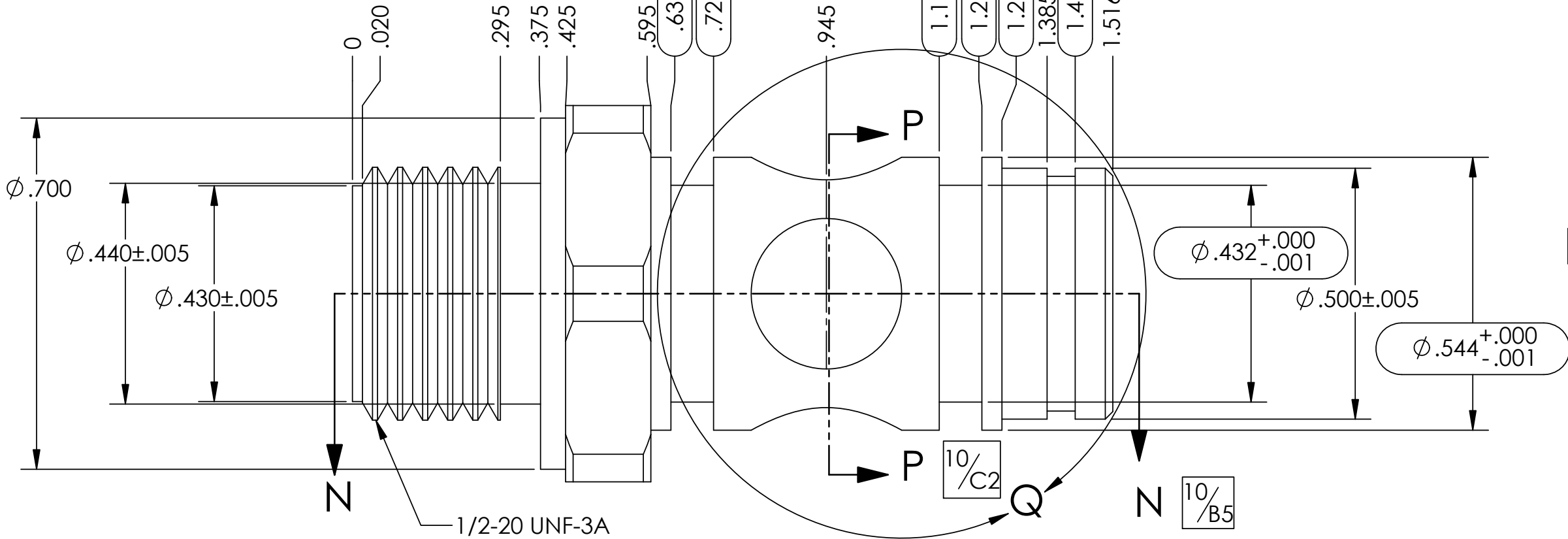
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A

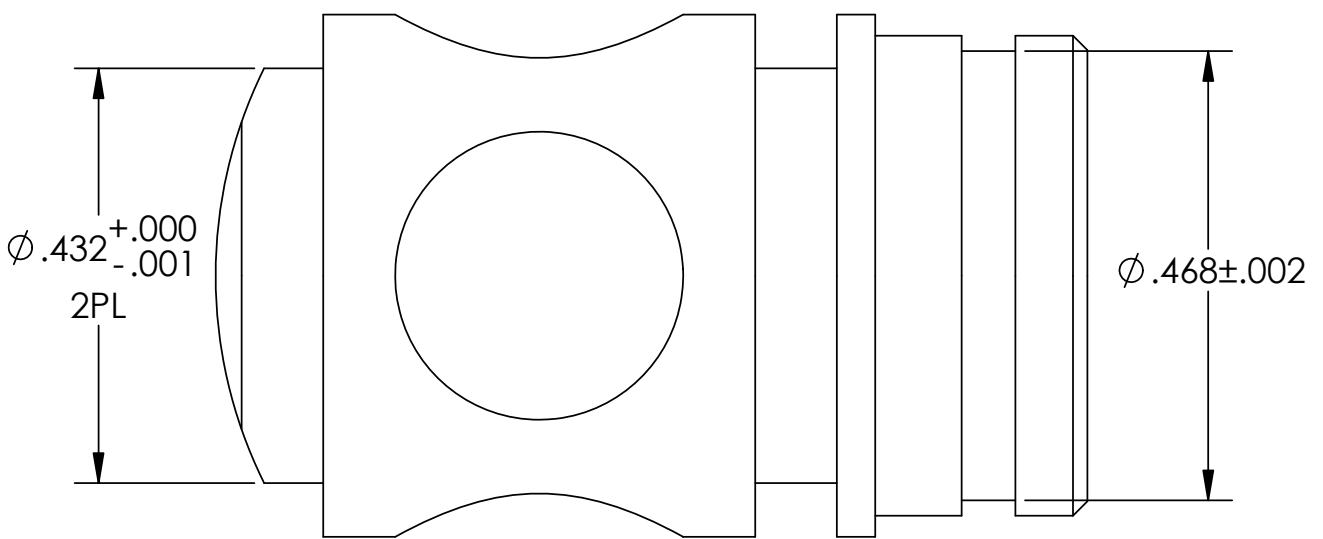
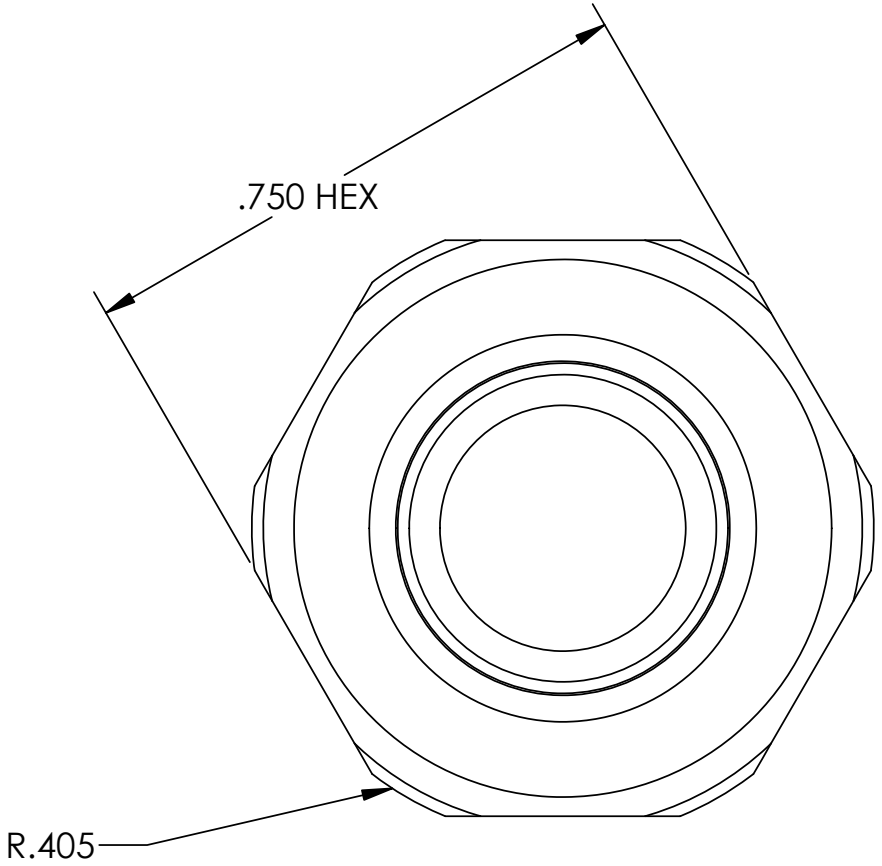
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C


D



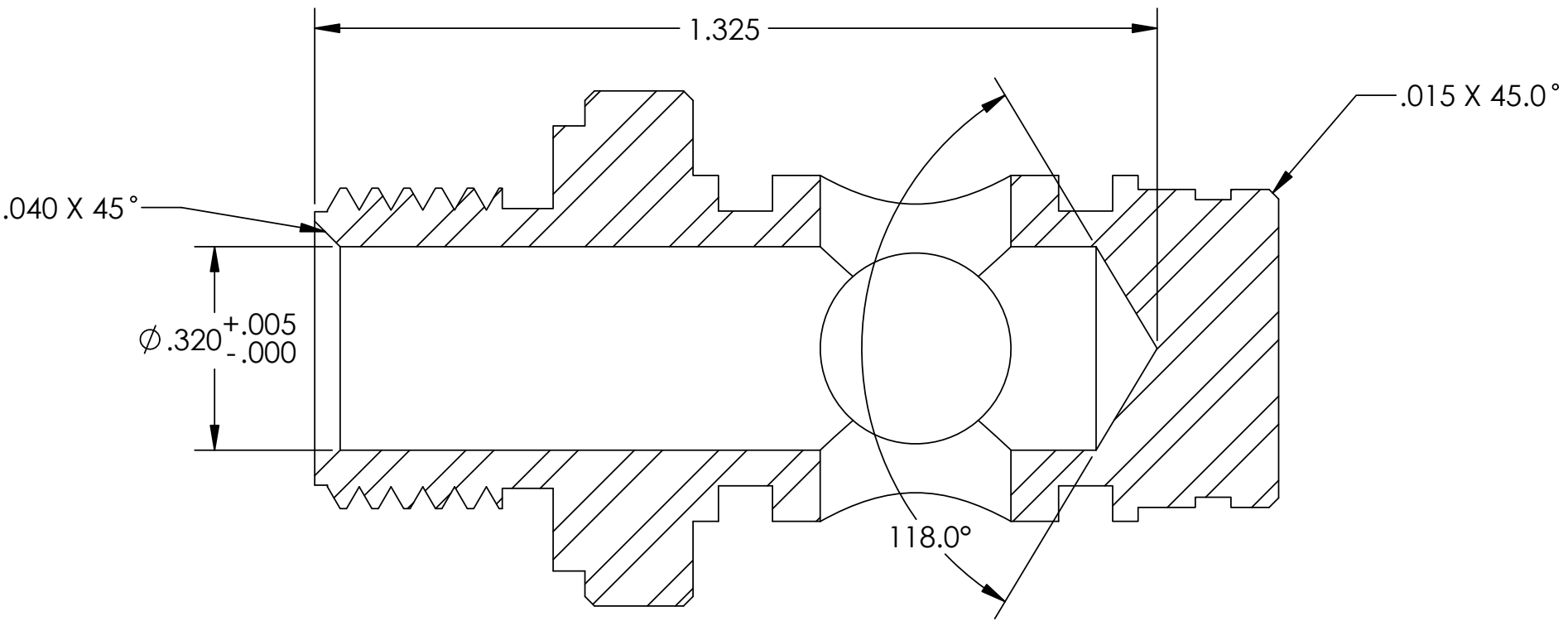
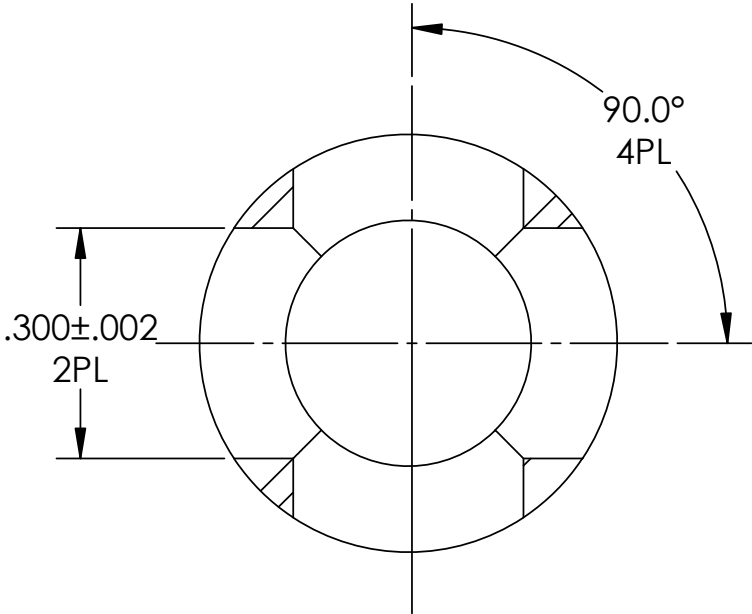
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DETAIL Q

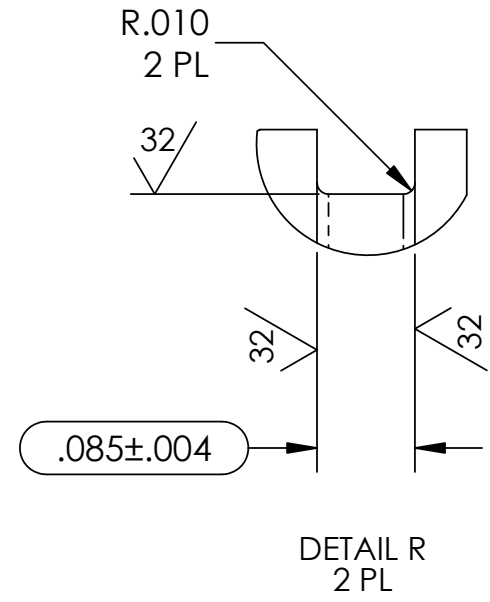
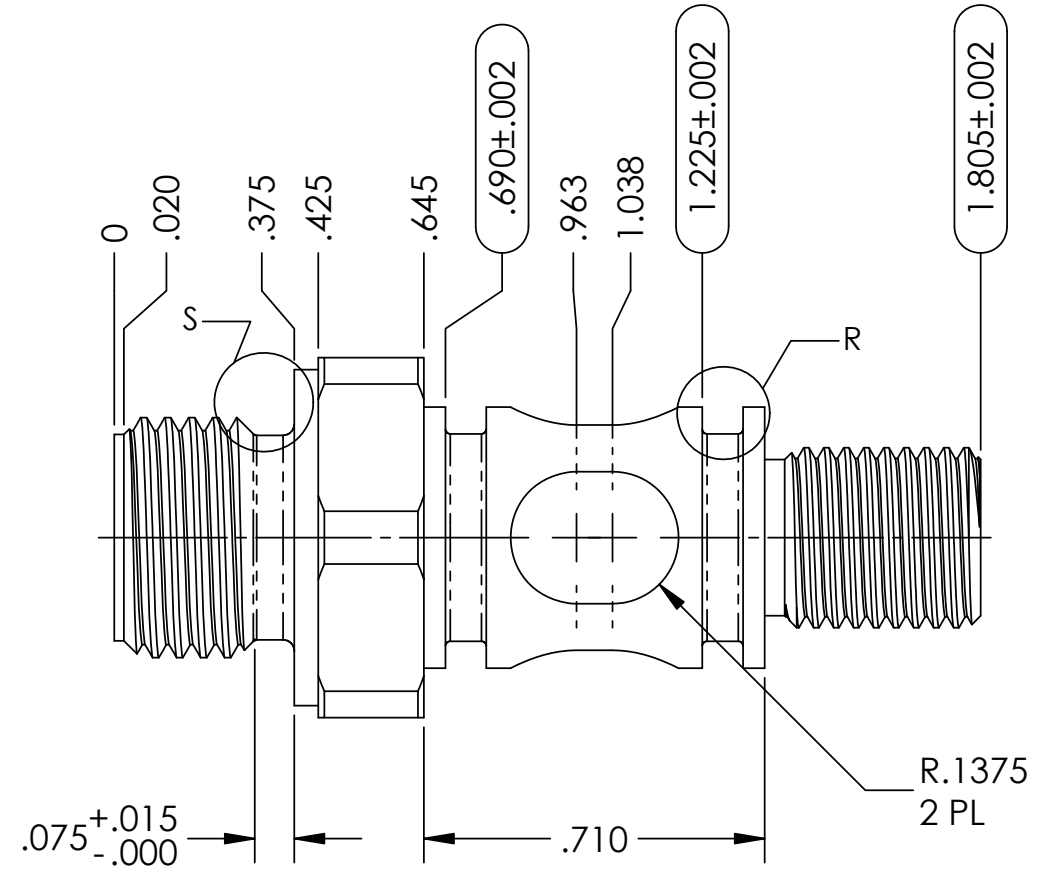
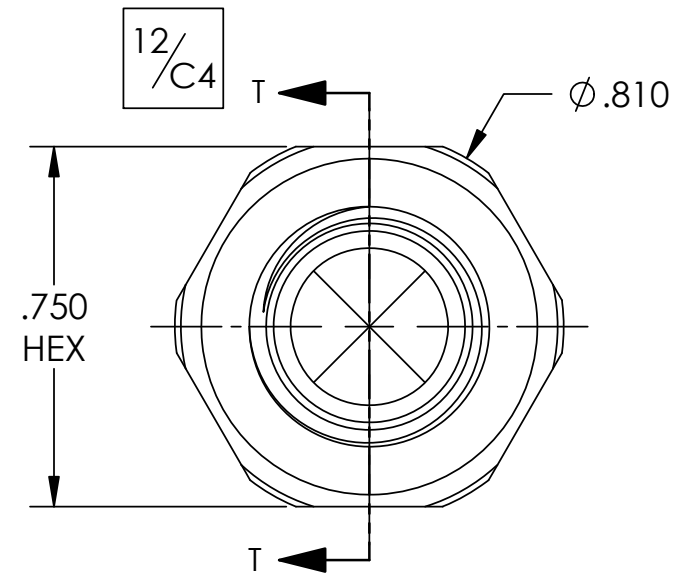
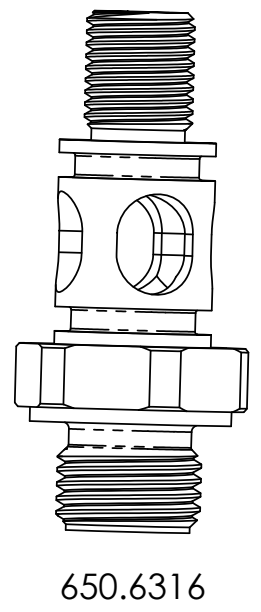
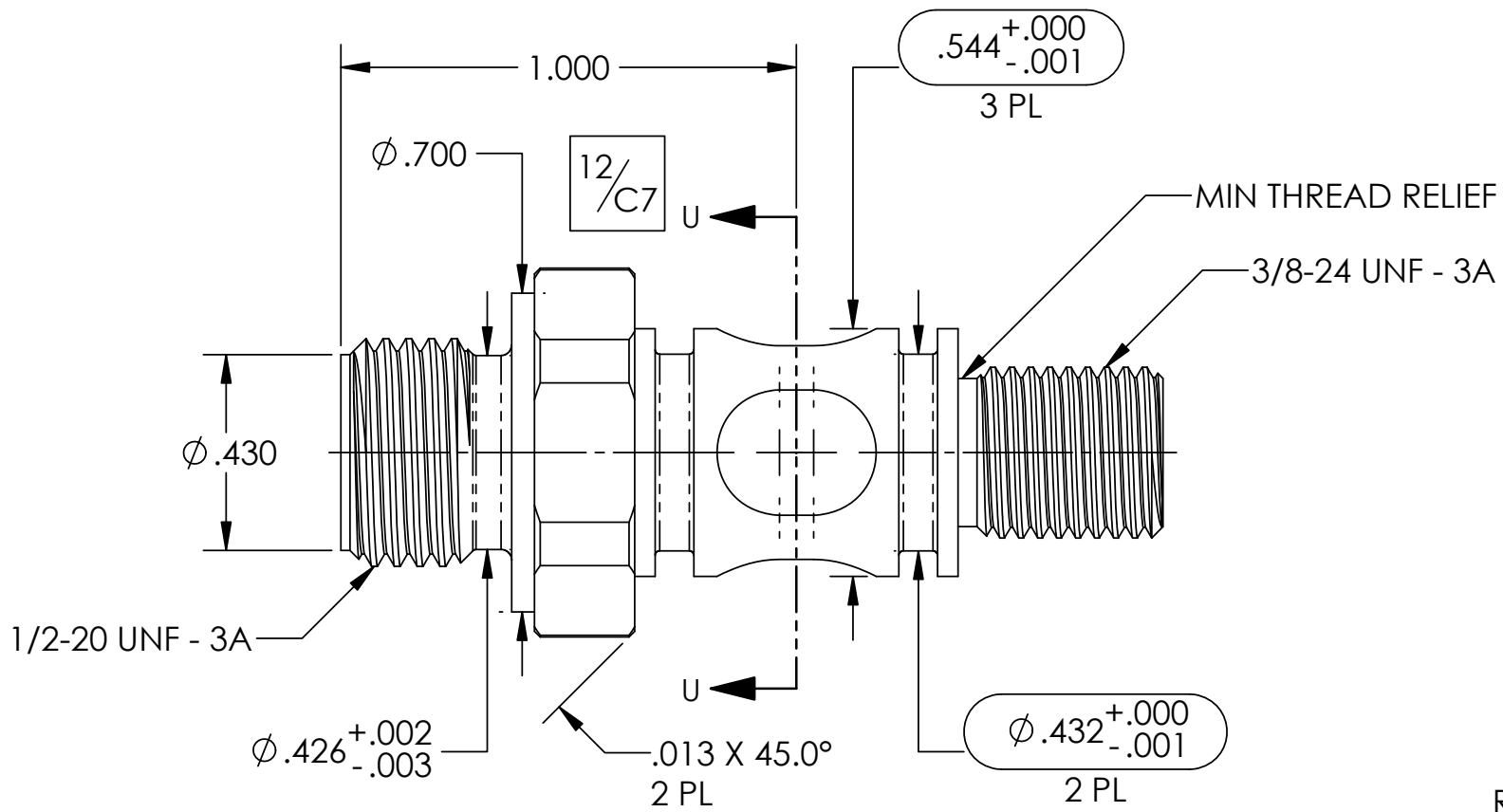
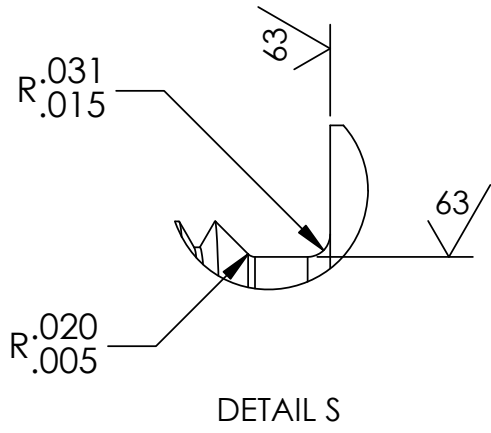
ORIGINAL DATE (MO-DA-YR) 04-28-2014		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-28-2014		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.			
SWIVEL FITTING			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SCALE NONE	
		SHEET 9 OF 14	

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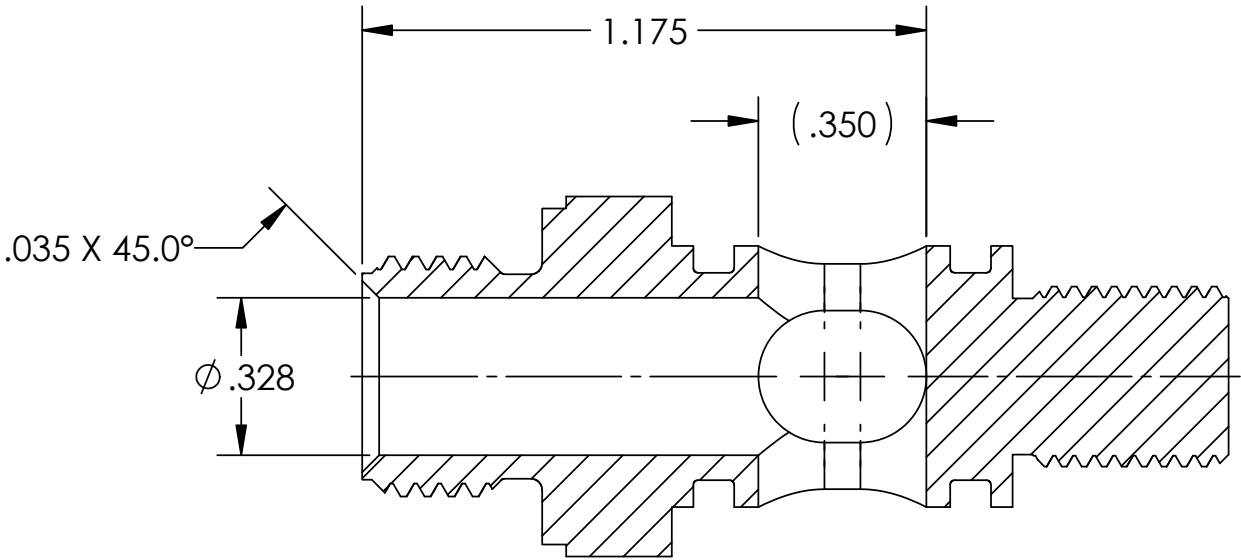
ORIGINAL DATE (MO-DA-YR) 04-28-2014		DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 04-28-2014					
CONTRACT No.		DWG. NO. 650.6300			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	REV. PG4	
SCALE NONE		SHEET 10 OF 14			

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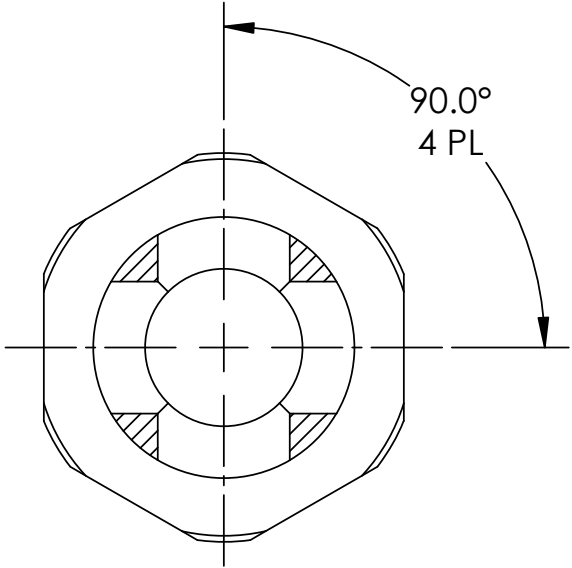


ORIGINAL DATE (MO-DA-YR) 04-28-2014		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-28-2014		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		SWIVEL FITTING	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. PG4
CAGE CODE 07MZ6		DWG. NO. 650.6300	SCALE NONE
SHEET 11 OF 14			

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SECTION T-T
11/C1



SECTION U-U
11/A4

ORIGINAL DATE (MO-DA-YR) 04-28-2014	
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DRAWING APPROVAL P. BRAVO 04-28-2014	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.010
3 PLACE DECIMALS ±.005
ANGLES ±.5°

DART
AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

SWIVEL FITTING

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	650.6300	PG4
SCALE NONE		SHEET	12 OF 14

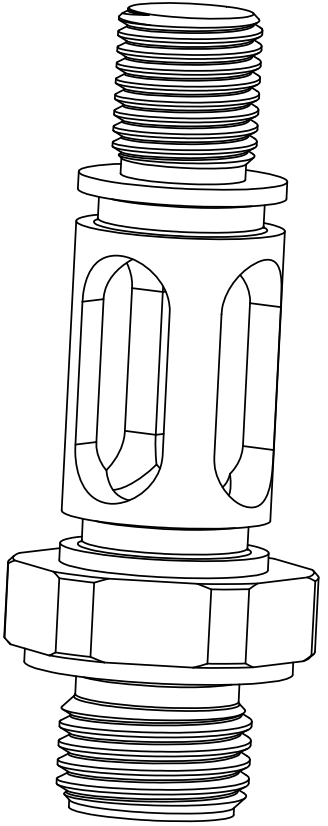
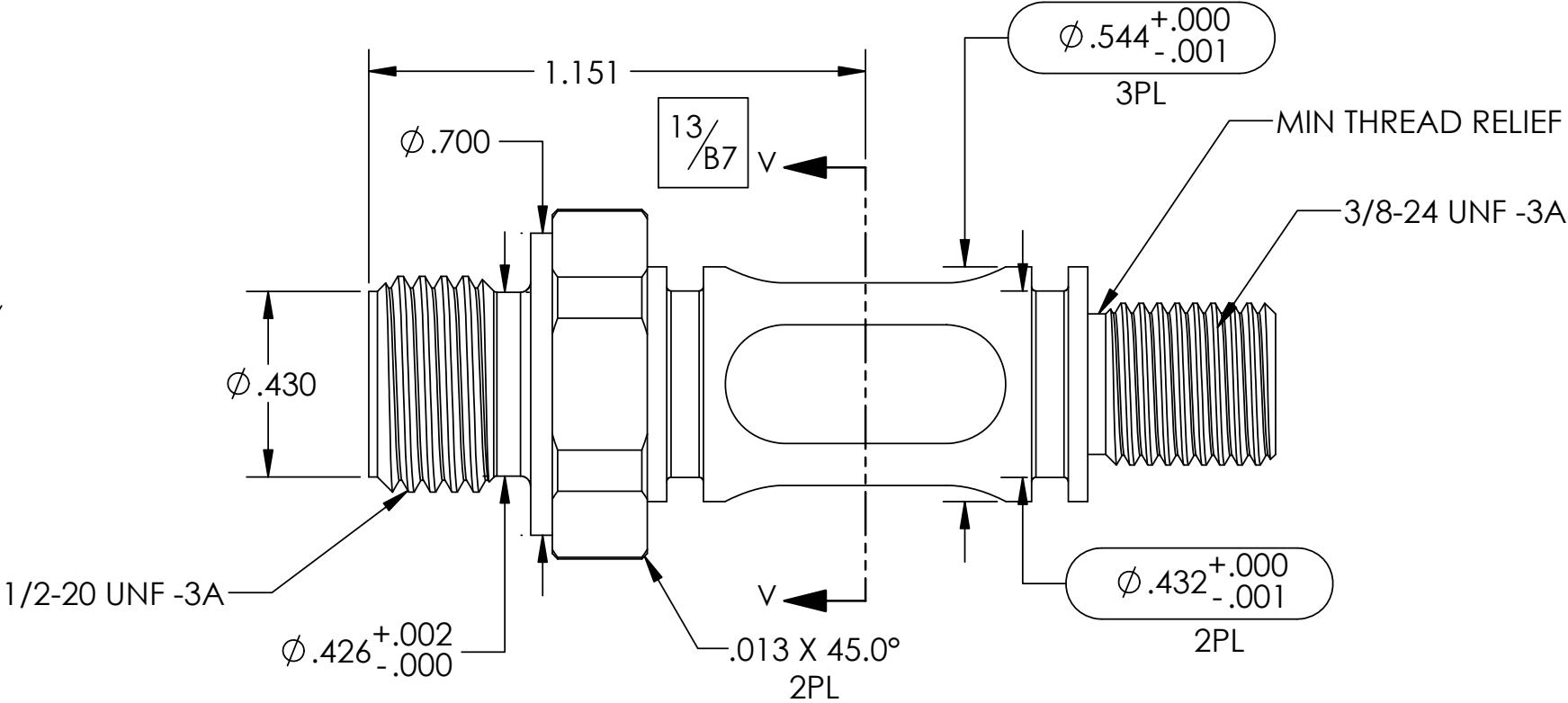
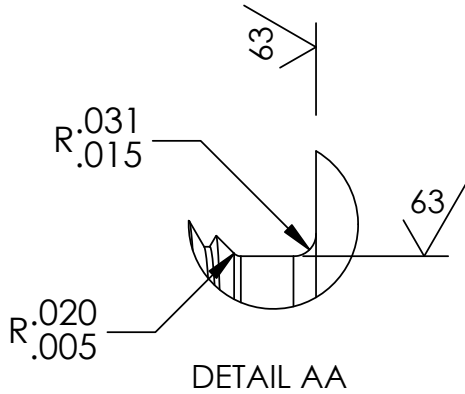
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A

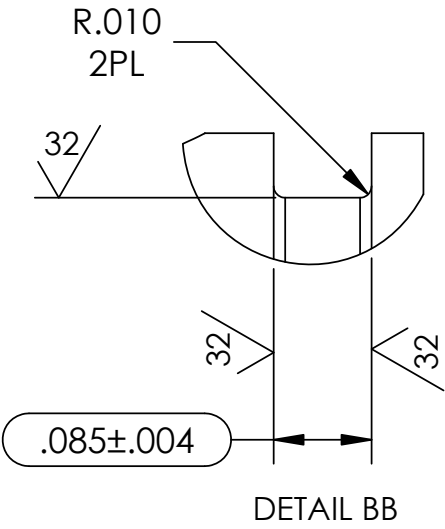
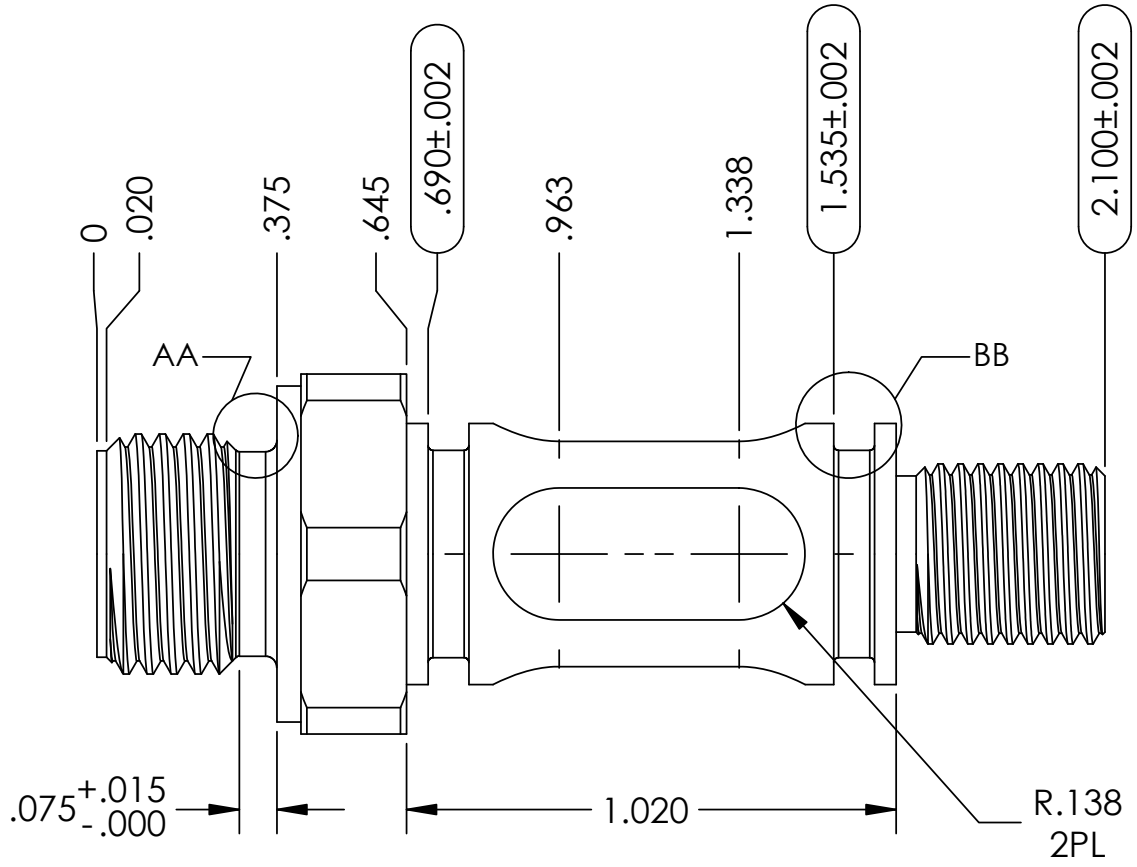
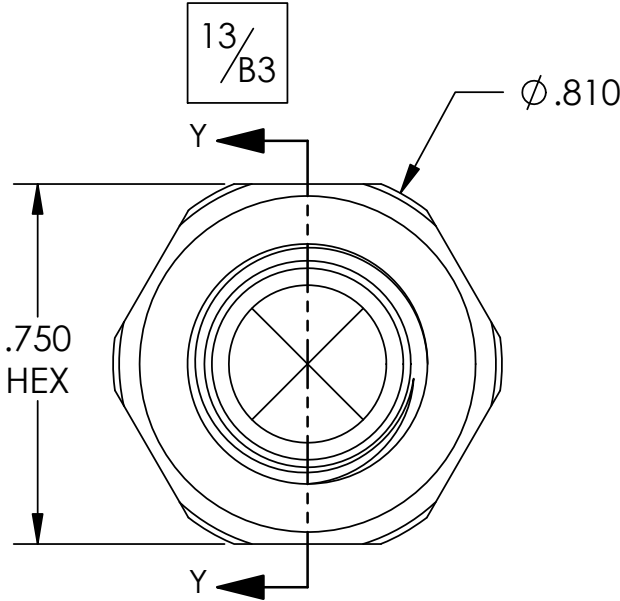
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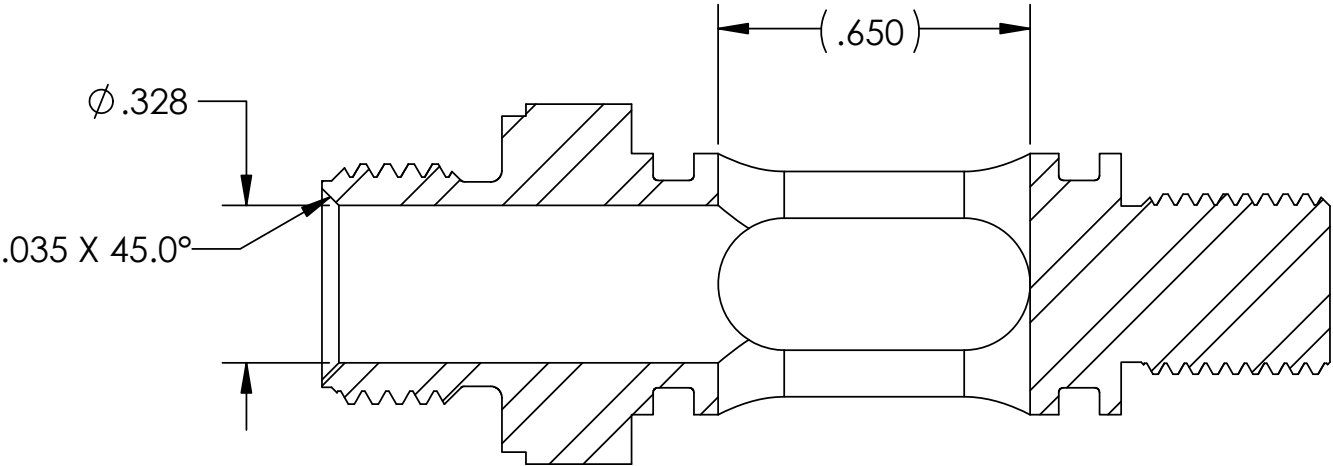


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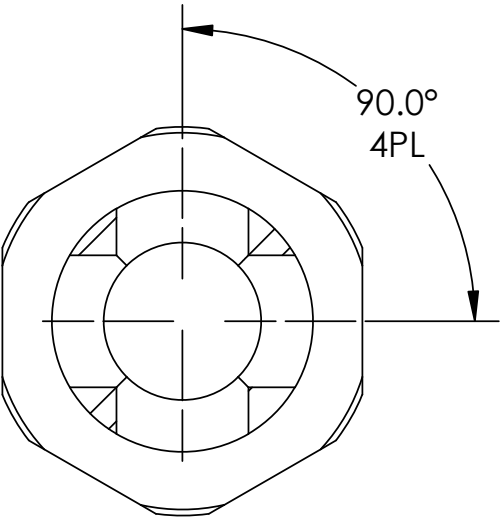


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DRAWING APPROVAL P. BRAVO 04-28-2014		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		SWIVEL FITTING	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B 07MZ6	REV. PG4
		SCALE NONE	SHEET 13 OF 14


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SECTION Y-Y 12/D1



SECTION V-V 12/A4

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DRAWING APPROVAL P. BRAVO 04-28-2014		SWIVEL FITTING			
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6300	REV. PG4
		SCALE NONE		SHEET	14 OF 14